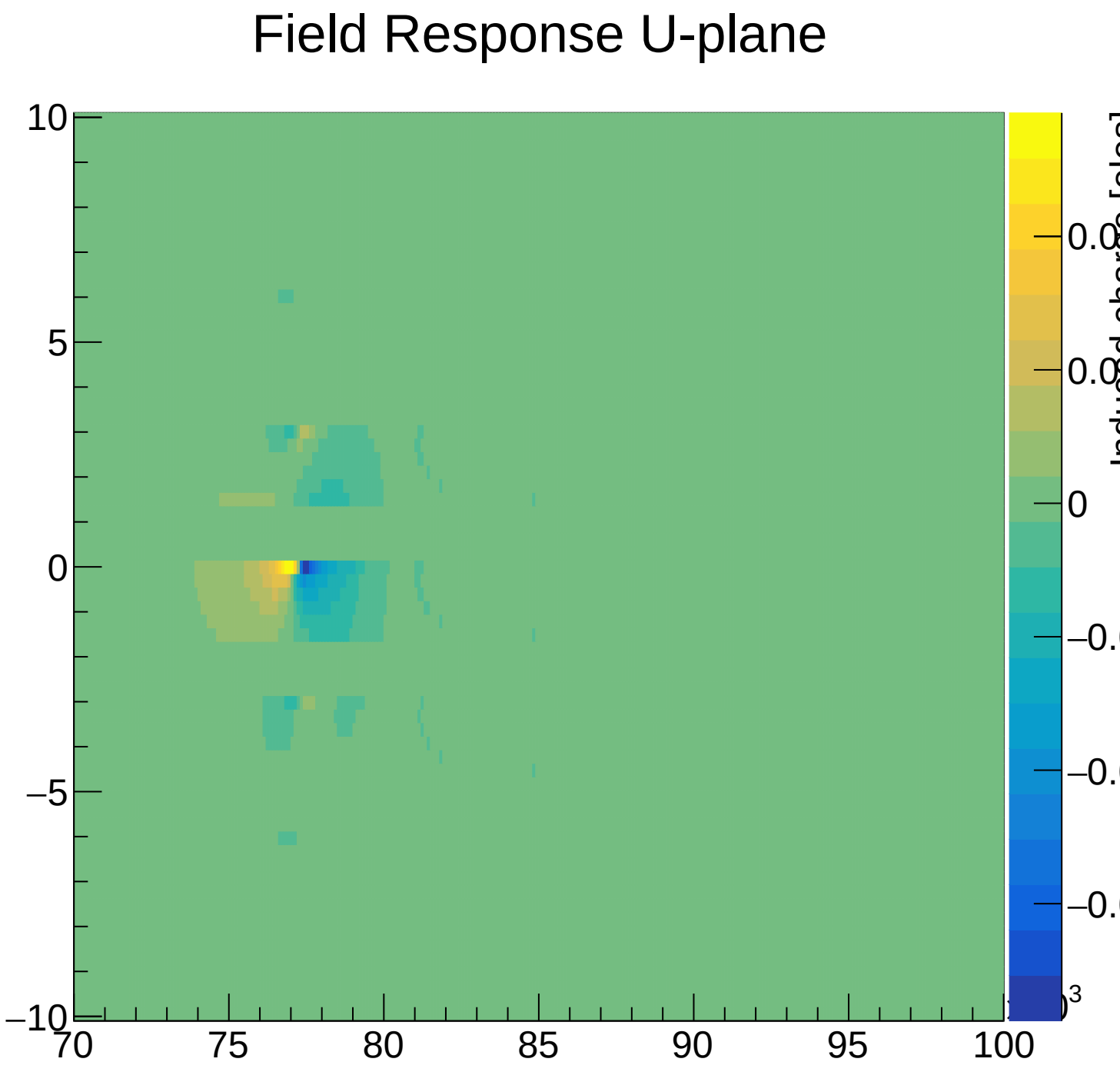
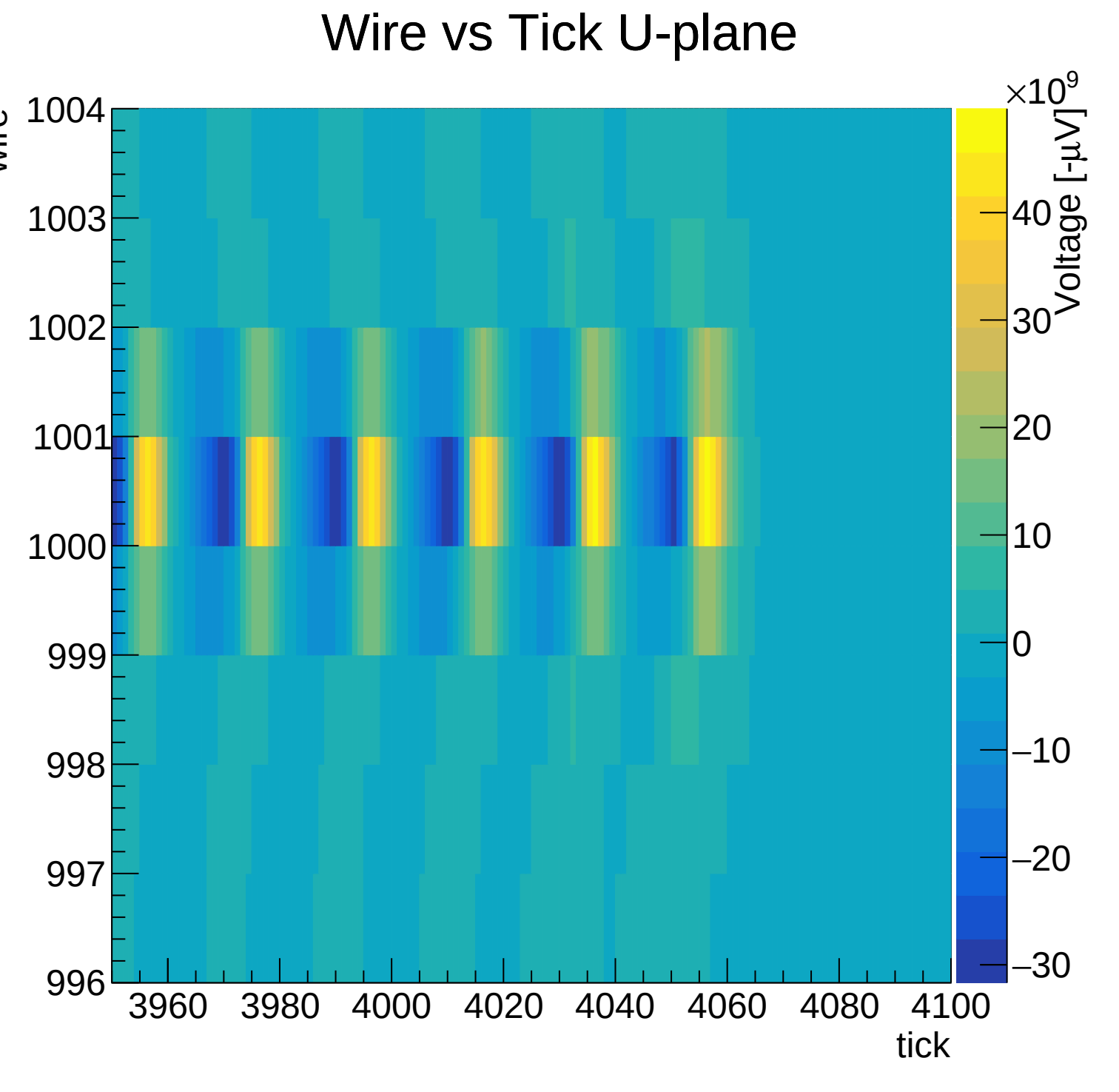
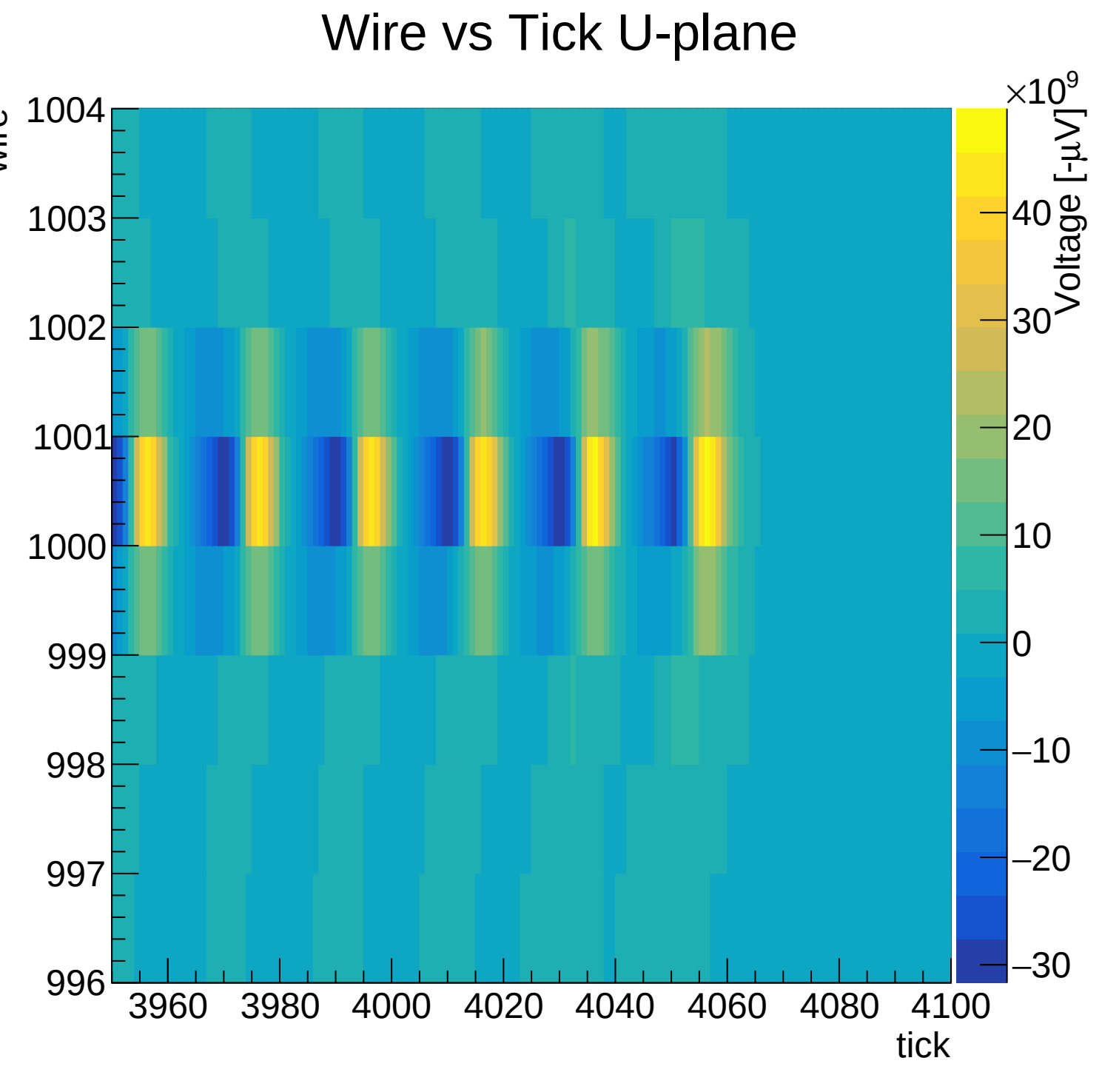
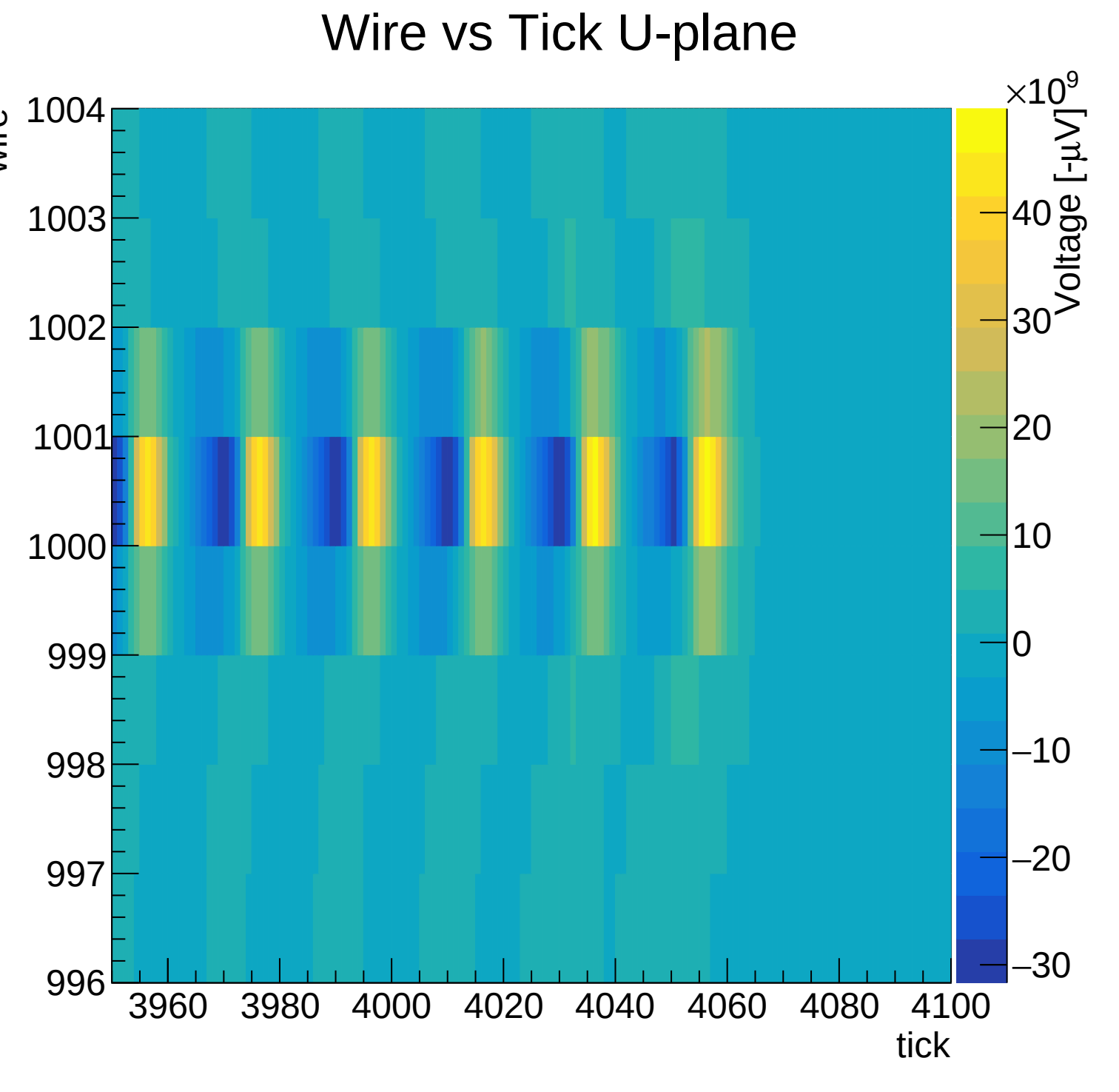
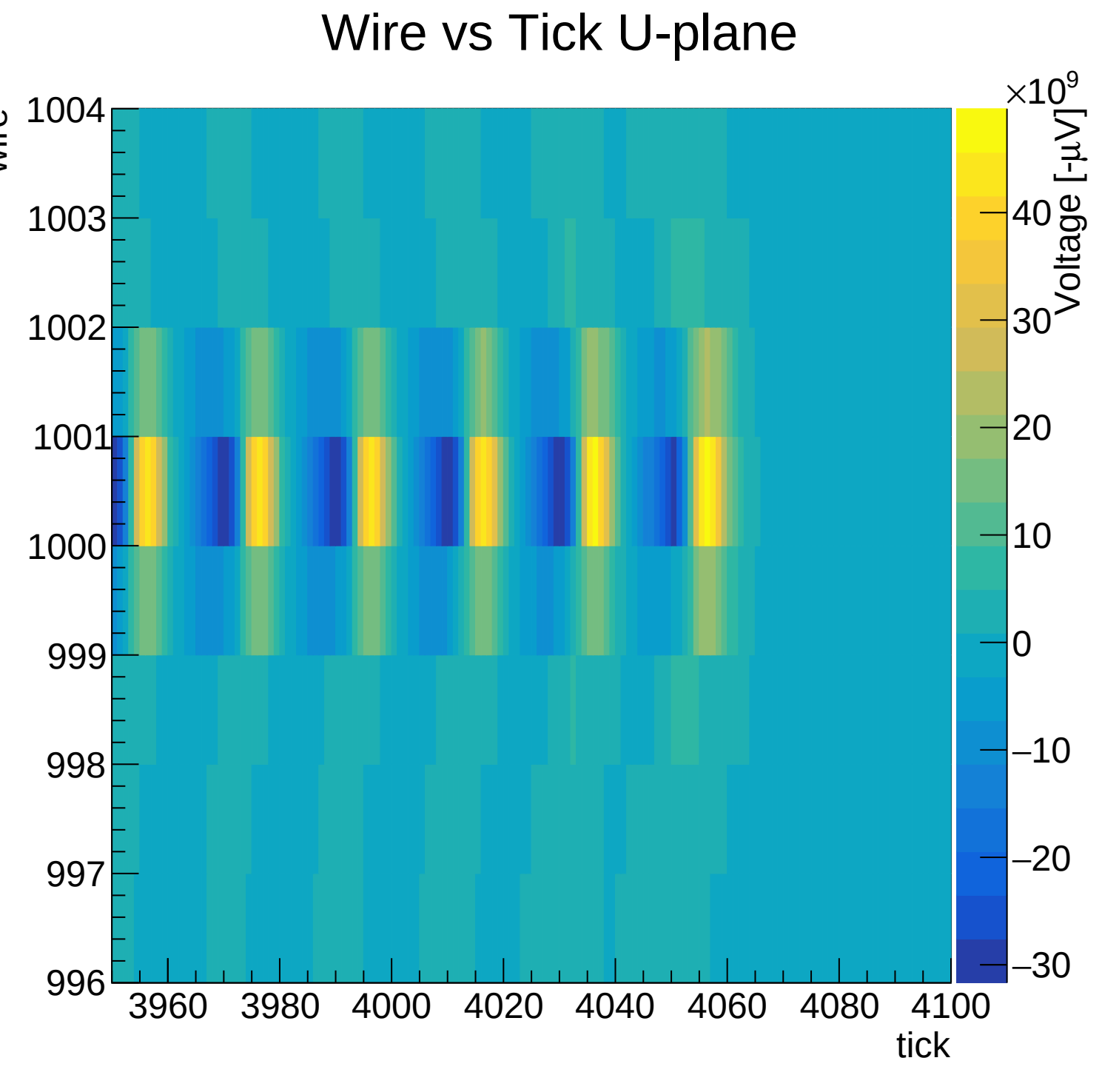
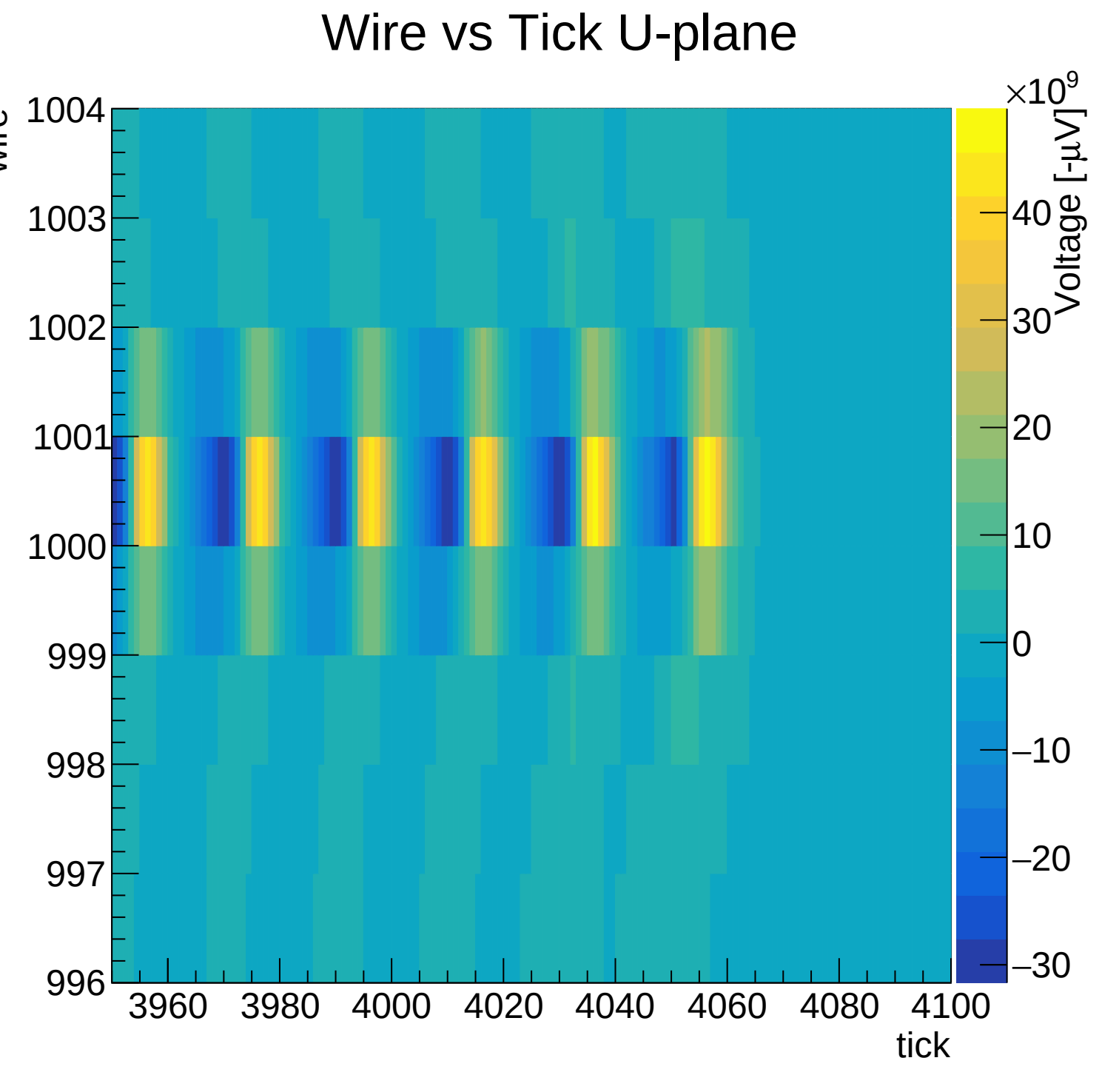

Field Response U-plane
10
5
0
−5
−10
70
75
80
85
90
95
100
0.0
0.0
0
−0.
−0.
−0.
Induced charge [elec]

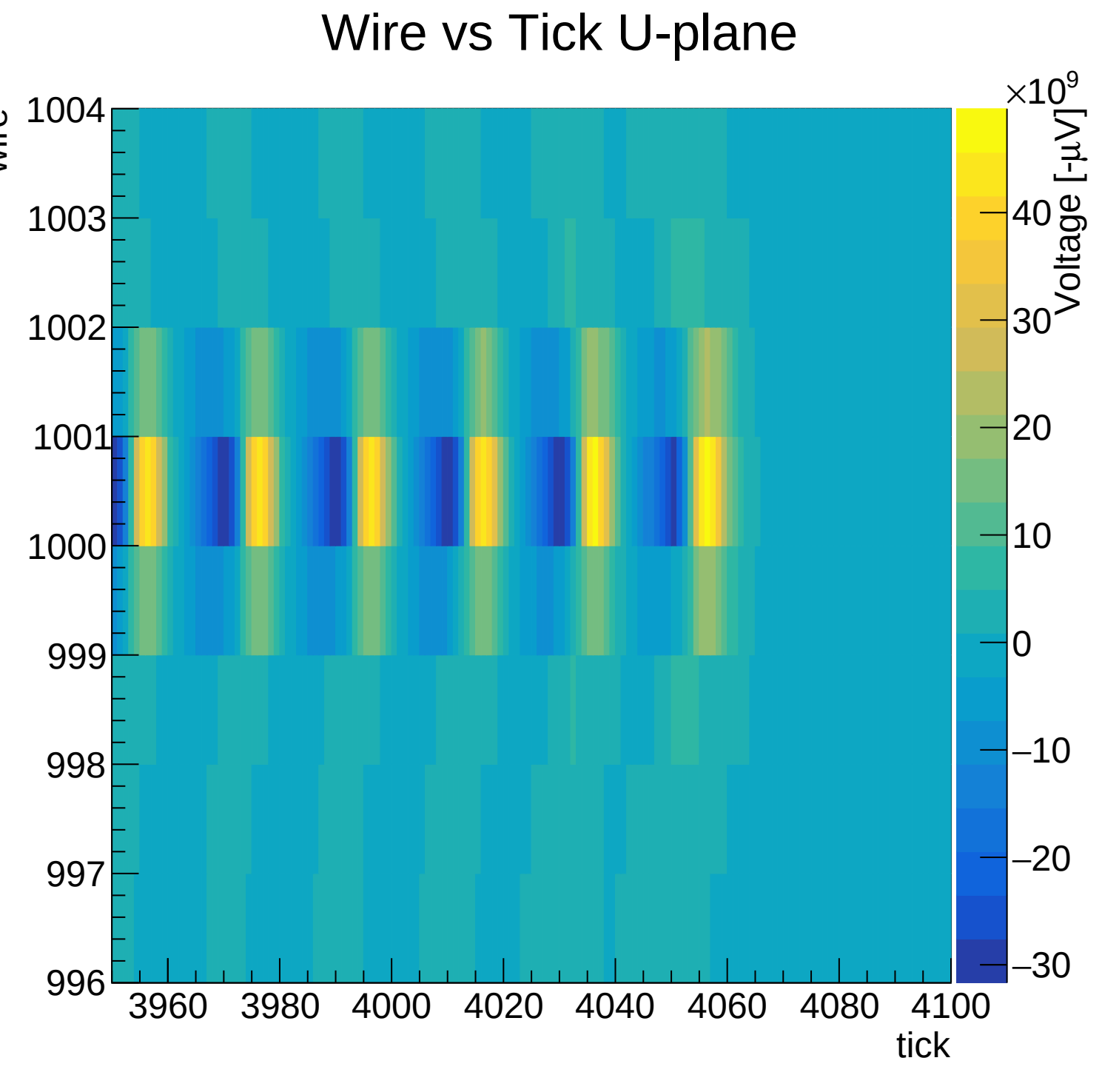

Wire vs Tick U-plane
Wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

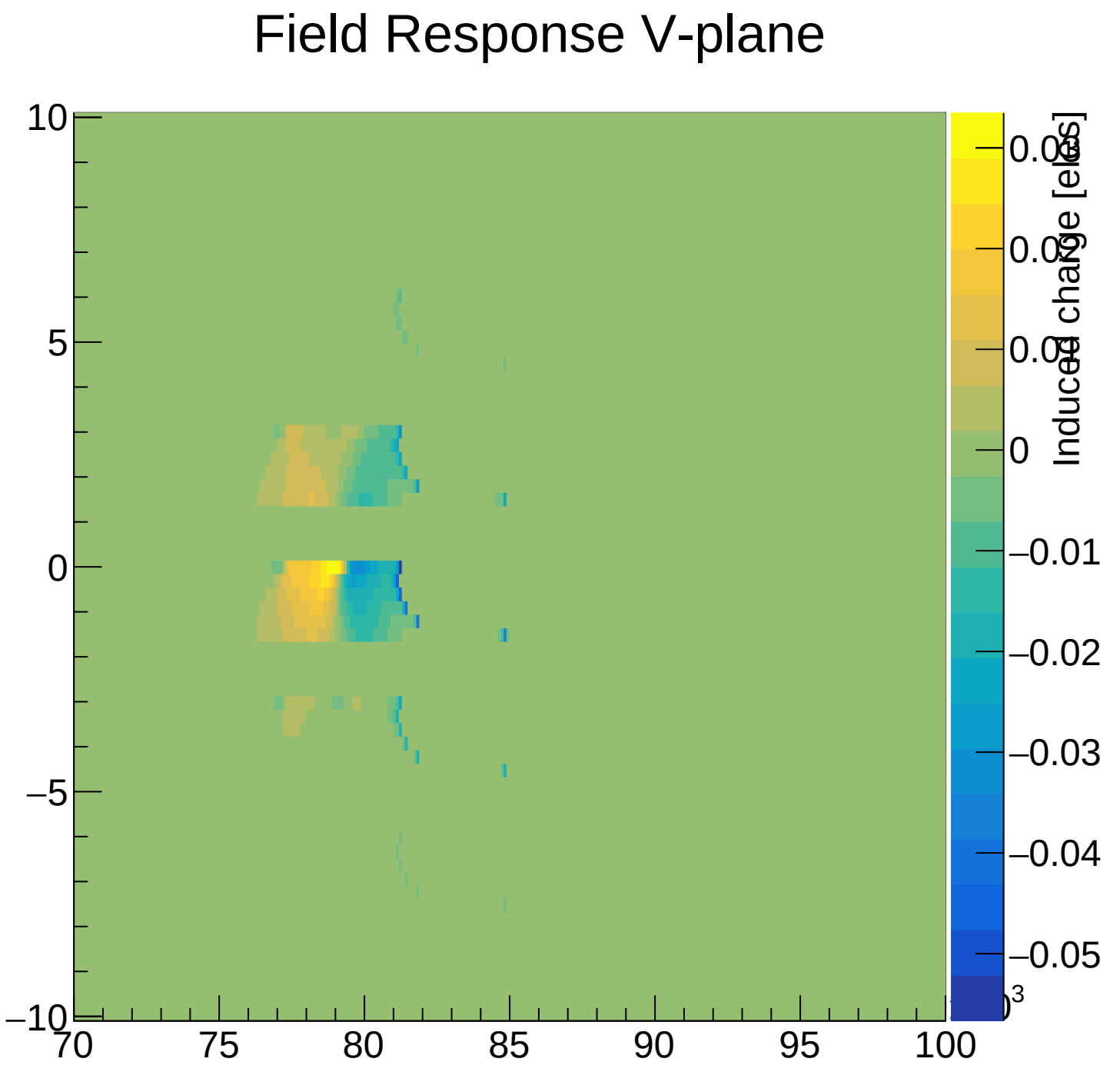

Wire vs Tick U-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

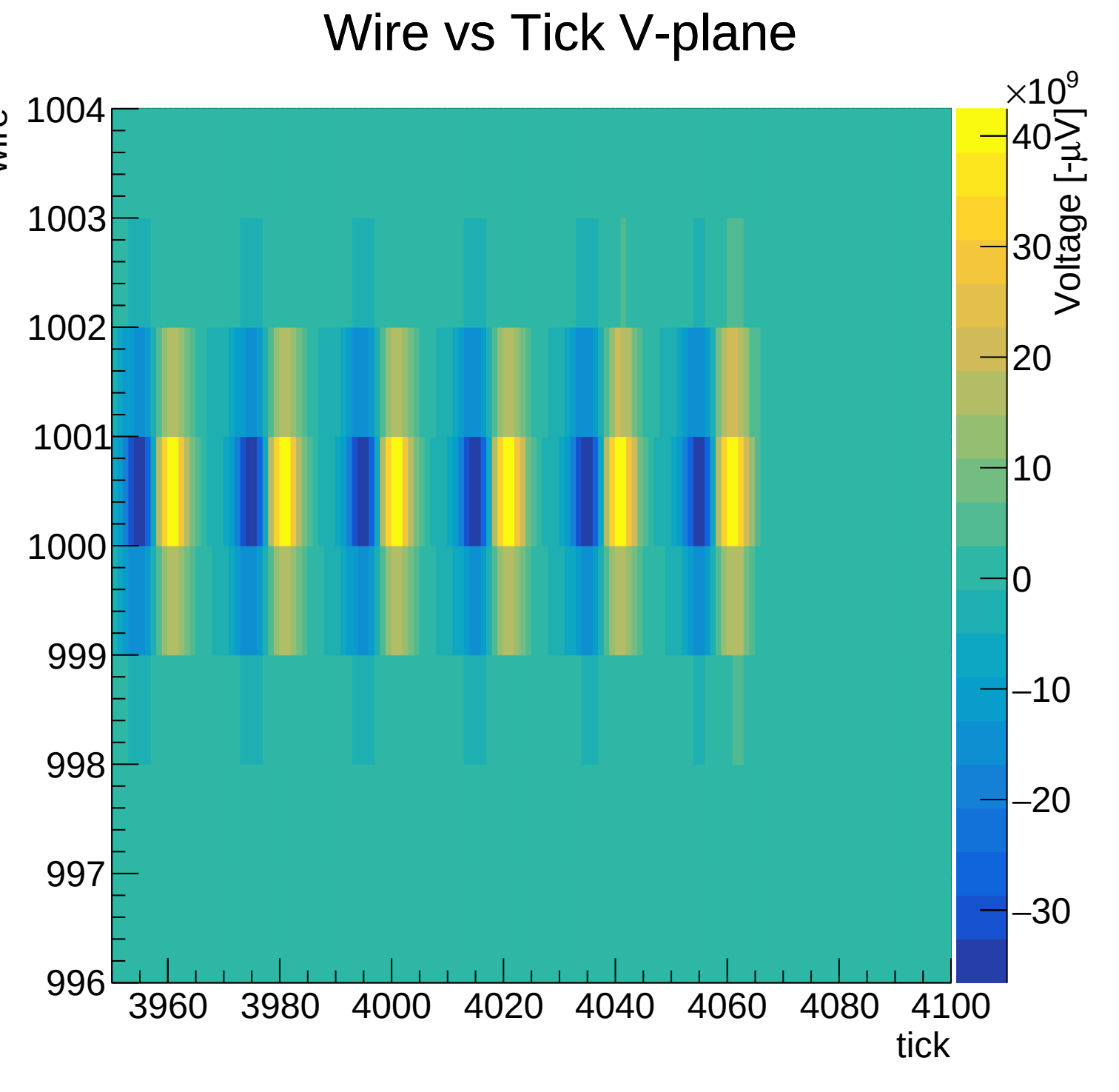

Wire vs Tick U-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

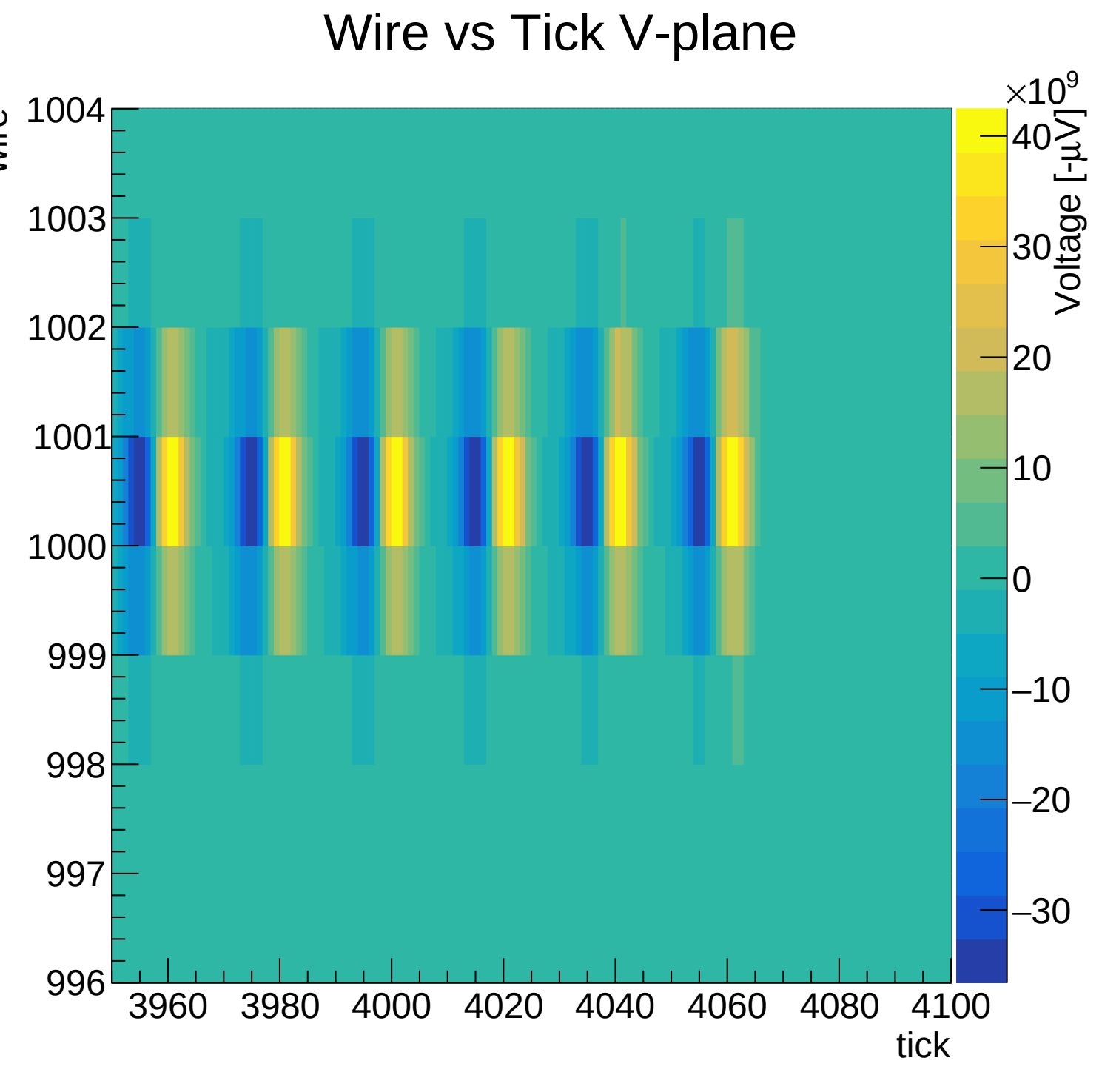

Wire vs Tick U-plane
Wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

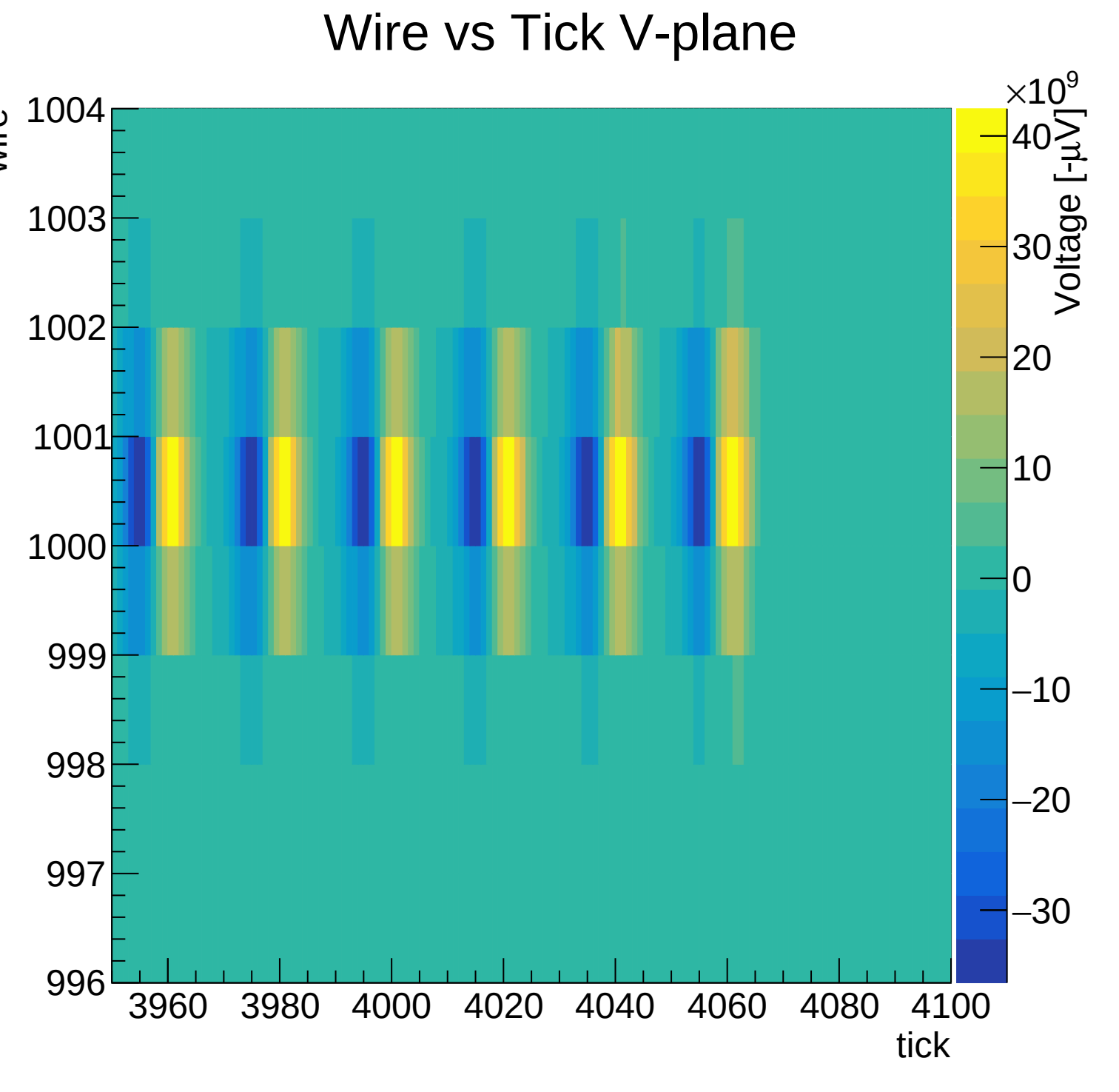

Wire vs Tick U-plane
Wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

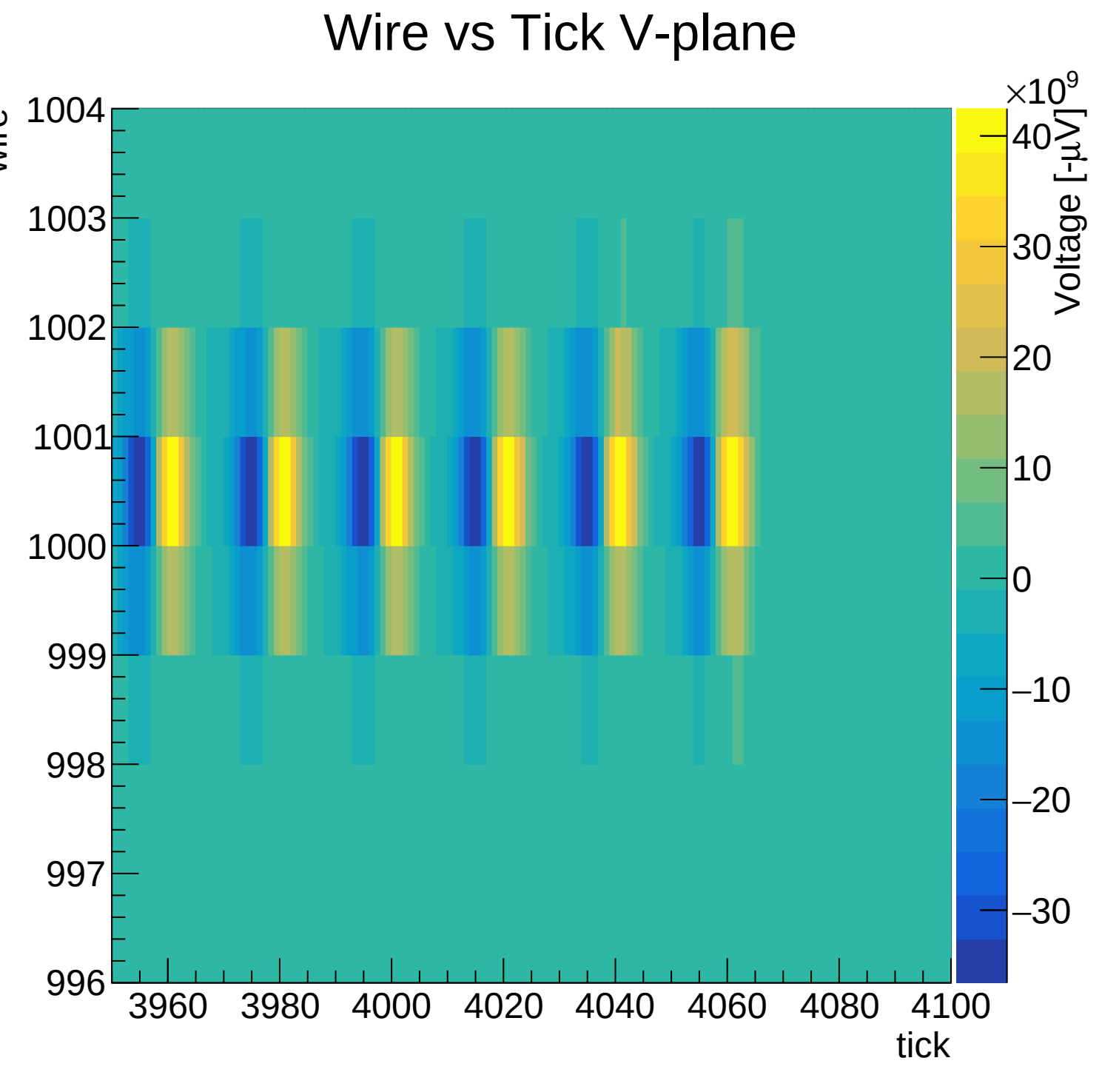

Wire vs Tick U-plane
Wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
Voltage [-μV]
40
30
20
10
0
−10
−20
−30

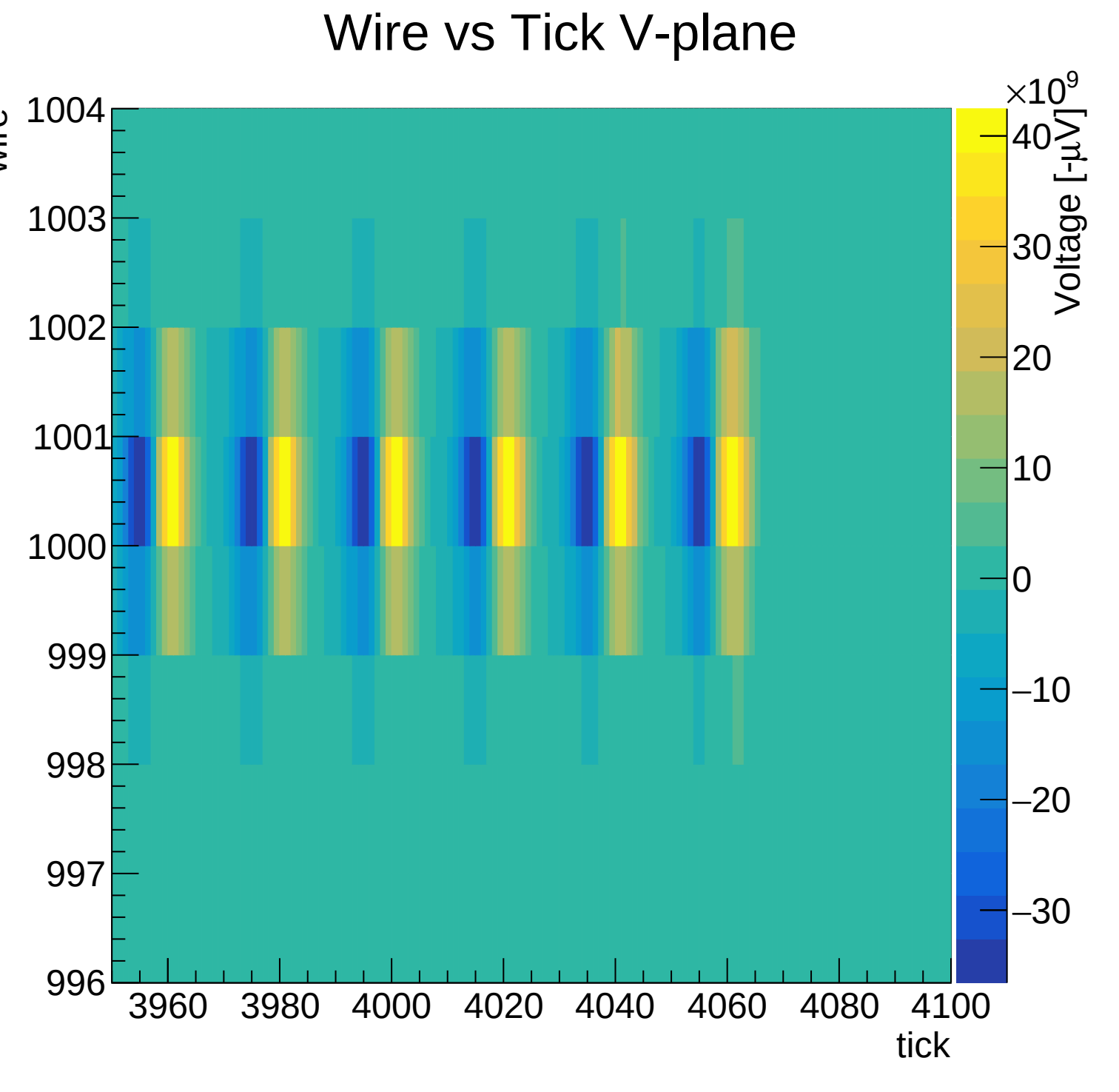

Field Response V-plane
10
5
0
−5
−10
70
75
80
85
90
95
100
Induced charge [electrons]
0.02
0.01
0
−0.01
−0.02
−0.03
−0.04
−0.05
10^3

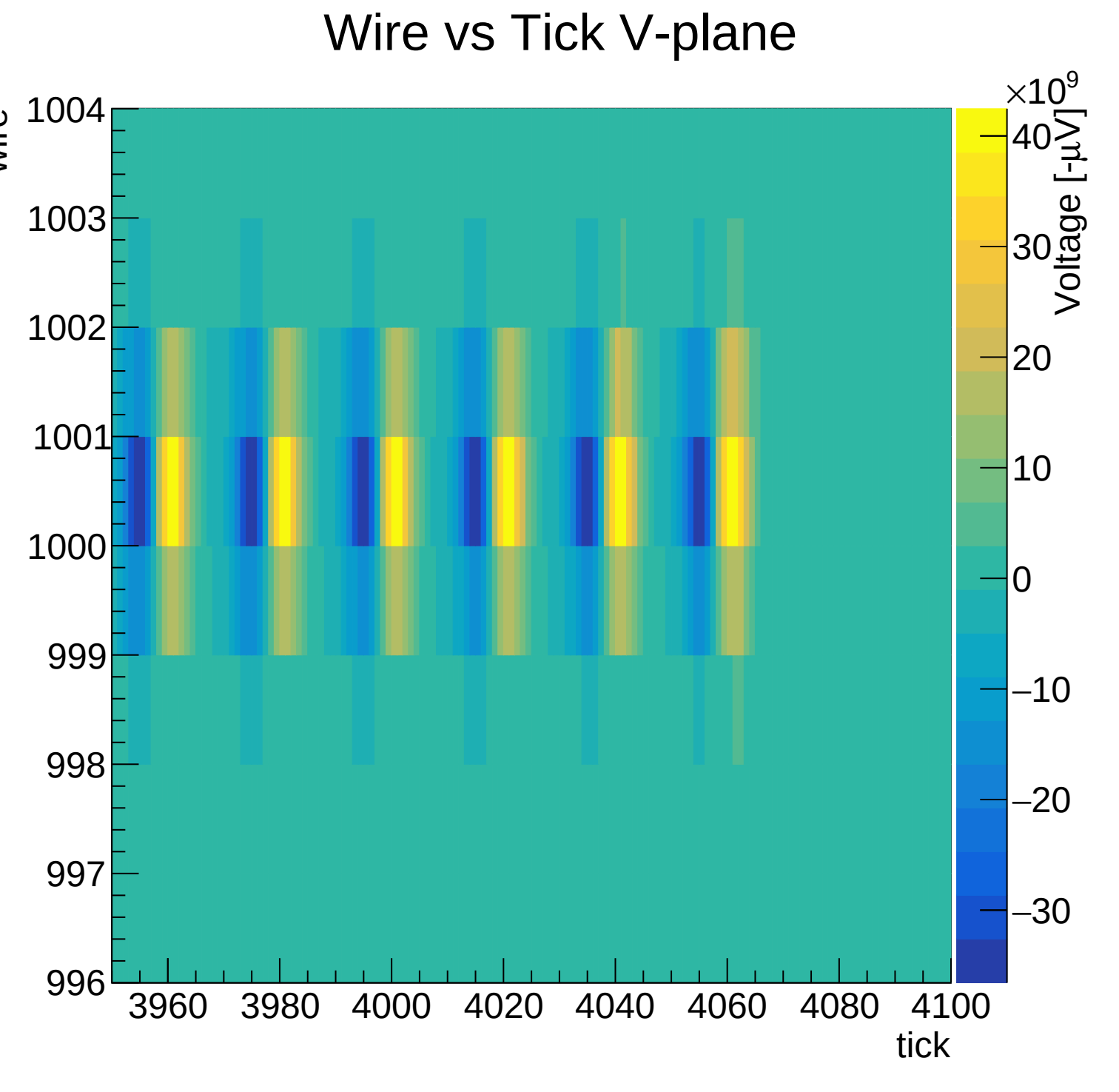

Wire vs Tick V-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

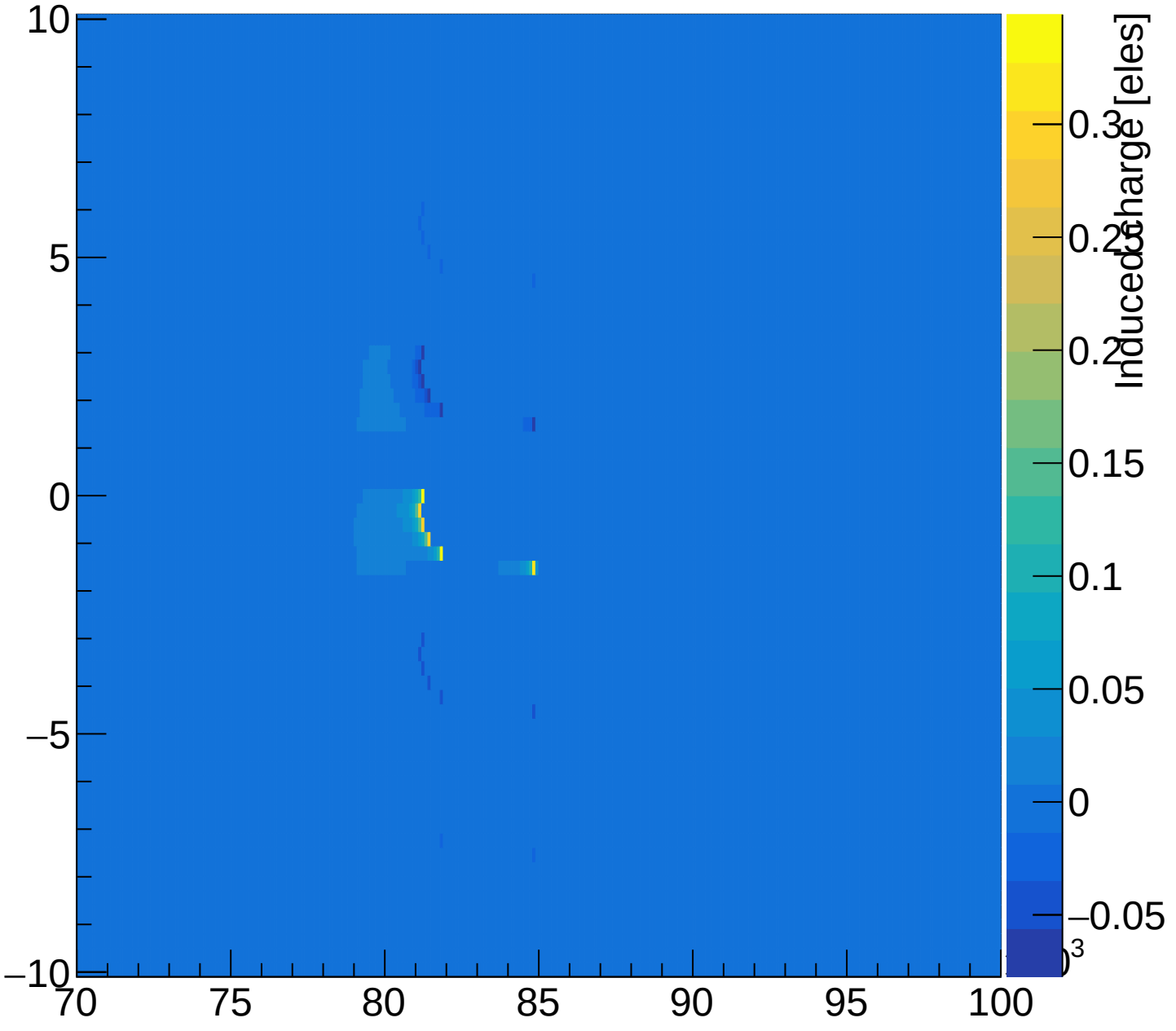

Wire vs Tick V-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

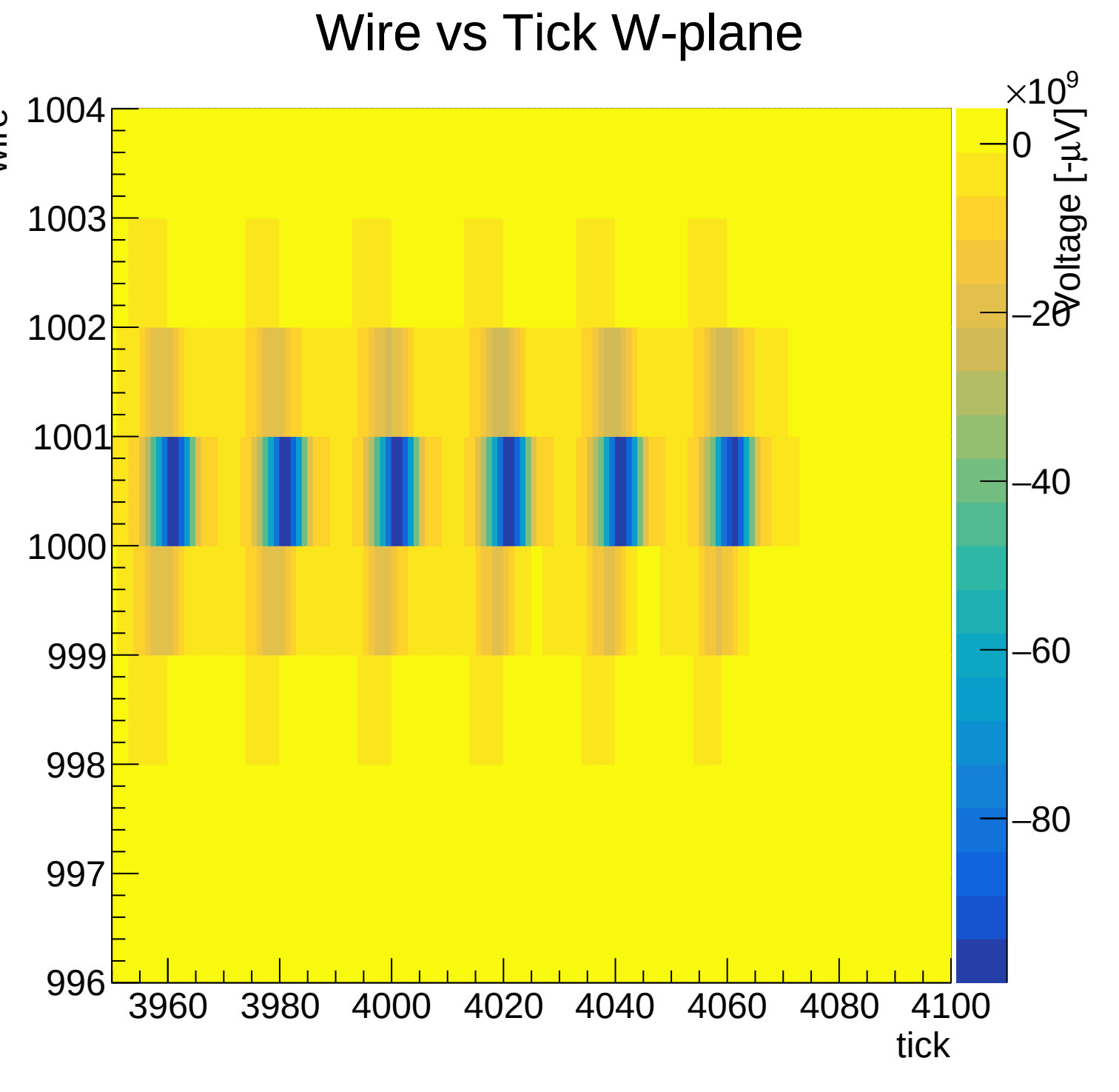

Wire vs Tick V-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

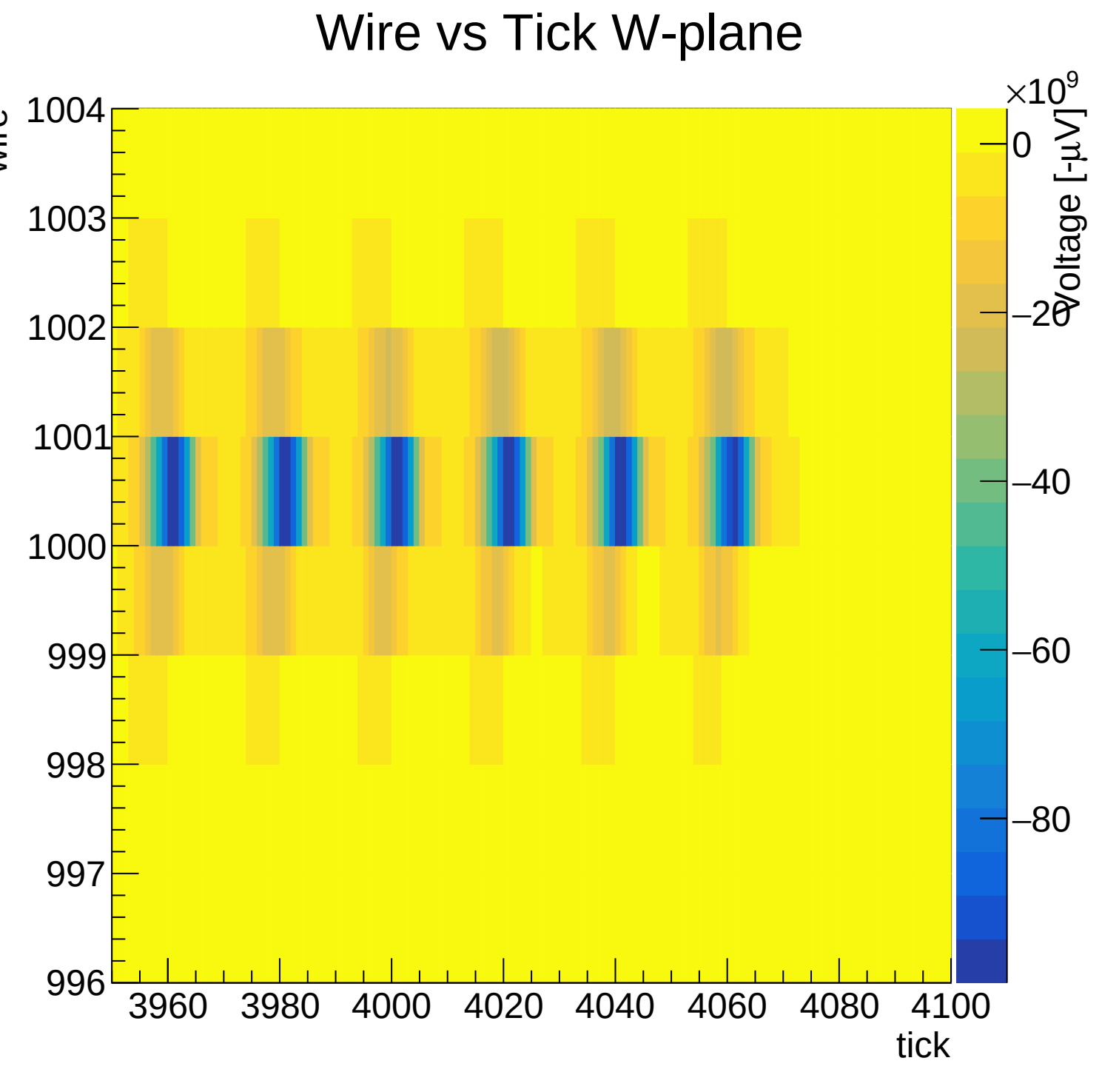

Wire vs Tick V-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

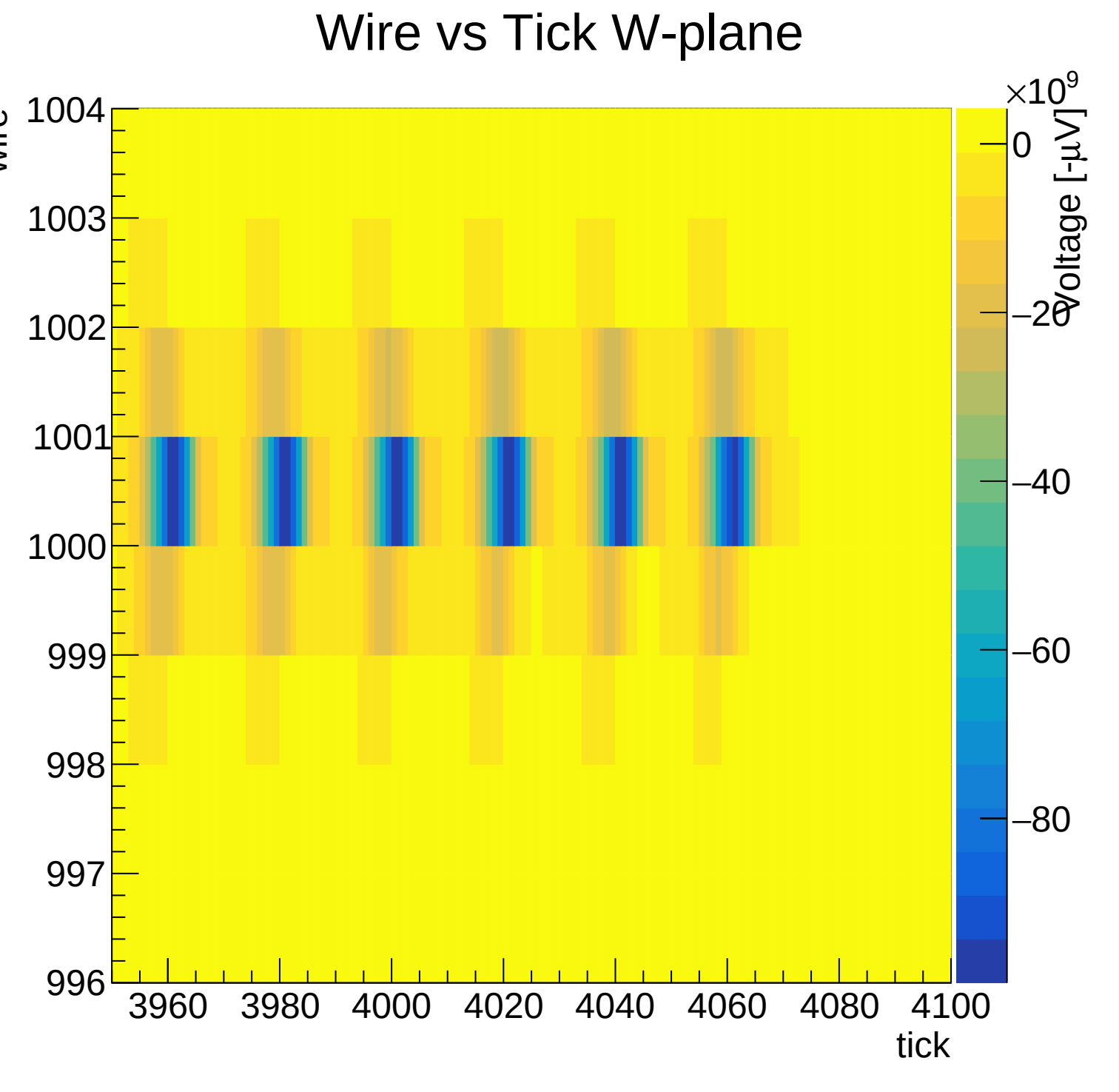

Wire vs Tick V-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

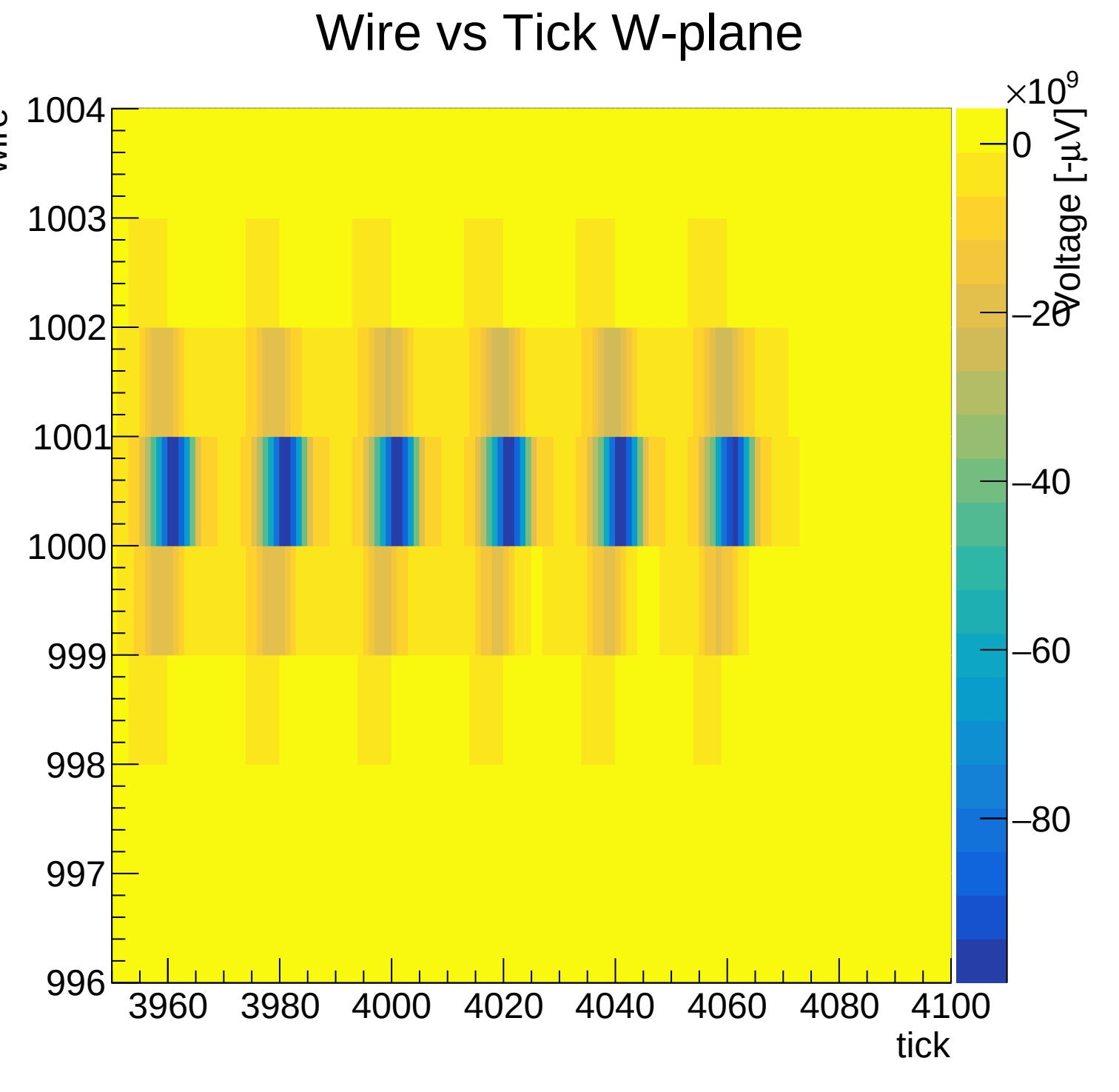

Wire vs Tick V-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
40
30
20
10
0
−10
−20
−30
Voltage [-μV]

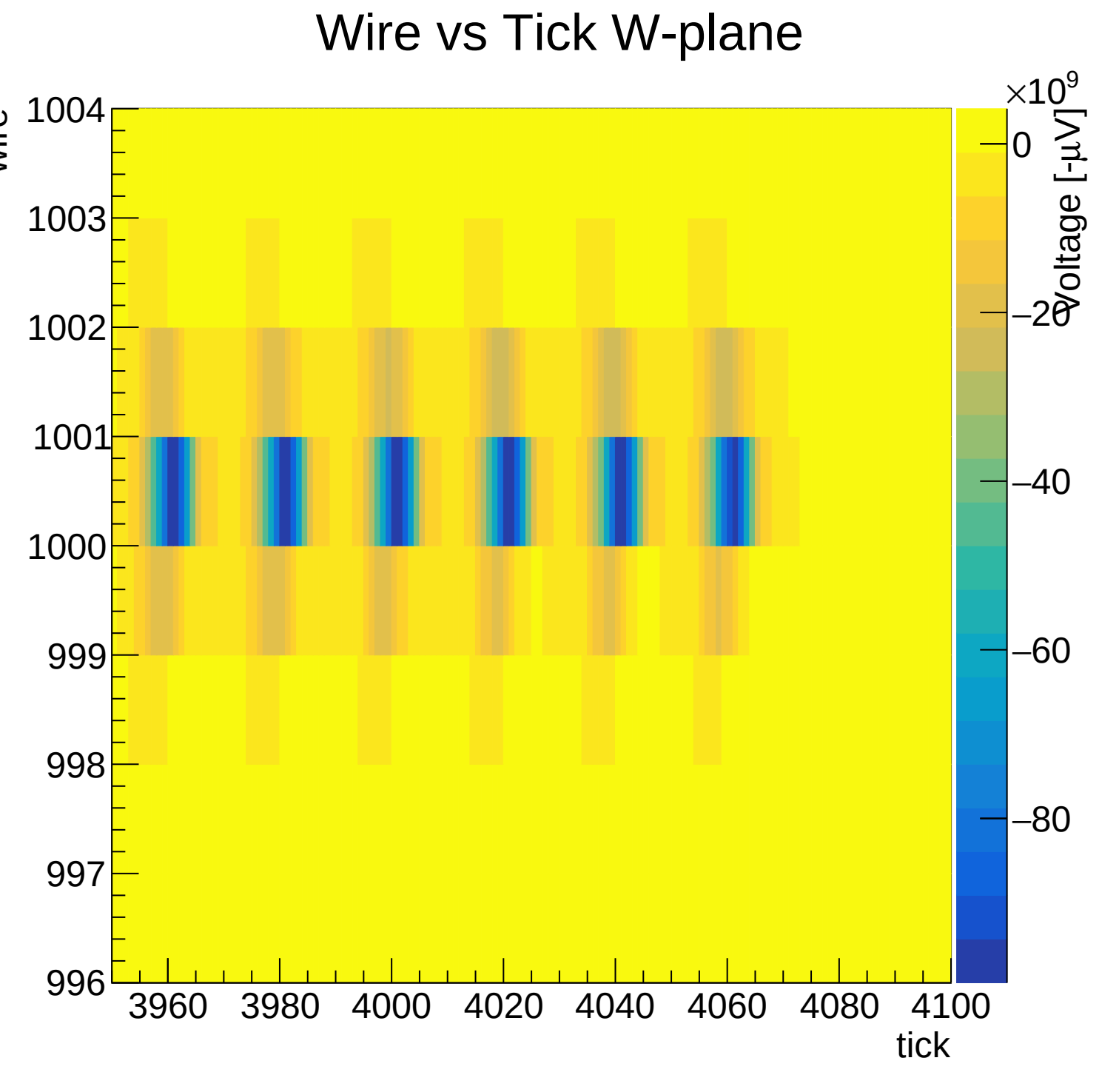

Field Response W-plane
10
5
0
−5
−10
70
75
80
85
90
95
100
0.3
0.25
0.2
0.15
0.1
0.05
0
−0.05
Induced charge [eles]

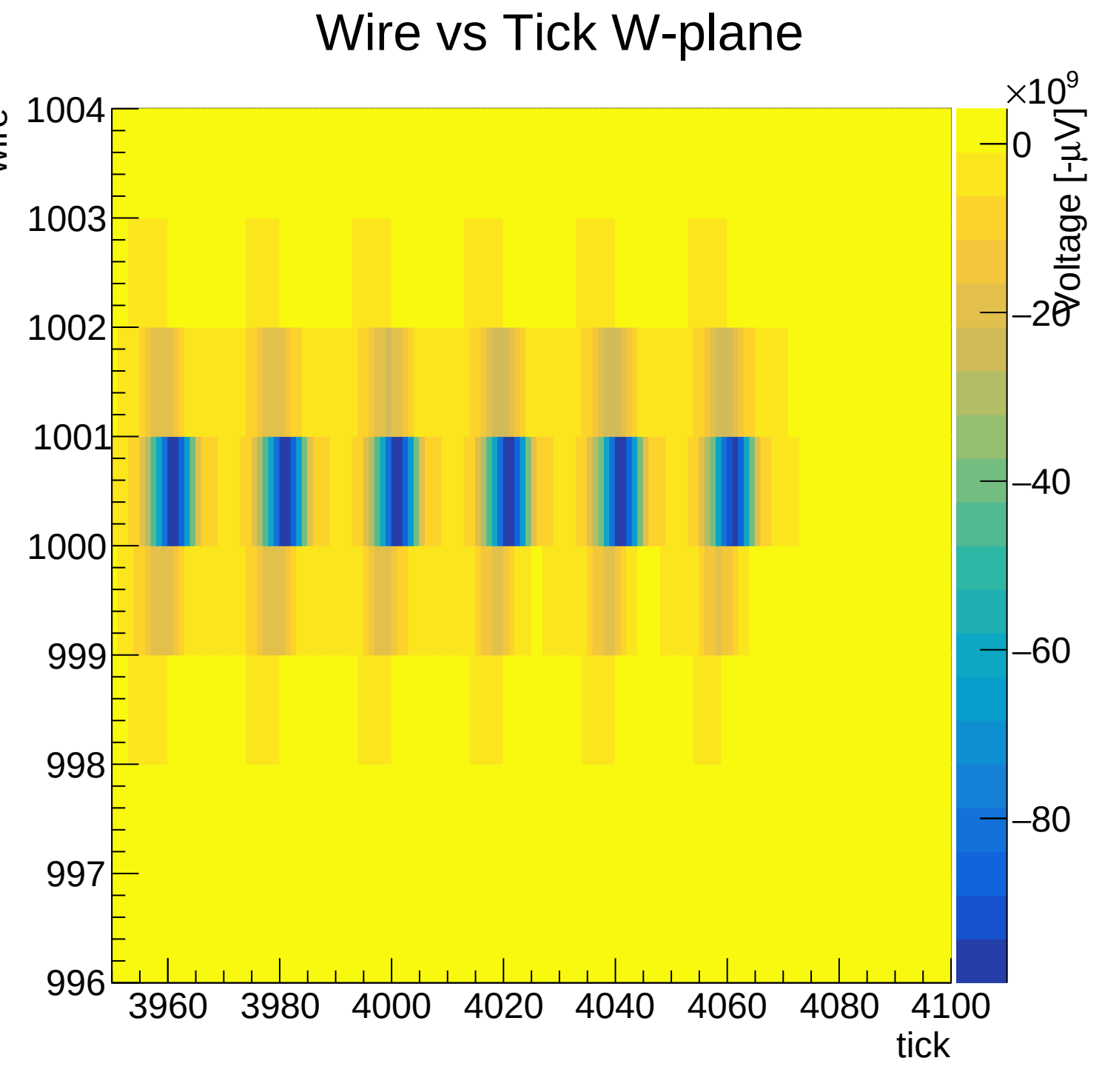

Wire vs Tick W-plane
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]


Wire vs Tick W-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]


Wire vs Tick W-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]


Wire vs Tick W-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]


Wire vs Tick W-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]


Wire vs Tick W-plane
wire
1004
1003
1002
1001
1000
999
998
997
996
3960
3980
4000
4020
4040
4060
4080
4100
tick
×10^9
0
−20
−40
−60
−80
Voltage [-μV]